

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	33	"4,849,399"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 17:34
S2	2	("20030021949").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 17:50
S3	2854	428/116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 18:28
S4	81639	(natural adj gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 18:29

S5	81639	S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 18:29
S6	39	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 18:29
S7	2854	428/116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/17 09:26
S8	4	S7 and ((metallic adj silicon) NEAR binder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:26

S9	2	"20030021948"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:30
S10	0	(natural adj gas) and 428/34.5 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:51
S11	20	(natural adj gas) and 55/523 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:52
S12	1	(natural adj gas) and 55/502 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:04

S13	0	(natural adj gas) and 55/585.3 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:06
S14	0	(natural adj gas) and 55/483 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:06
S15	1	(natural adj gas) and 55/502 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:06
S16	2	(natural adj gas) and 501/118 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:06

S17	5	(natural adj gas) and 501/119 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:09
S18	1	(natural adj gas) and 501/120 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:15
S19	2	(natural adj gas) and 501/153 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:19
S20	2	(natural adj gas) and 501/154 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:22

S21	3	(natural adj gas) and 428/304.4 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:24
S22	0	(natural adj gas) and 428/192 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:25
S23	0	(natural adj gas) and 428/177 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:25
S24	0	(natural adj gas) and 428/34.5 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:25

S25	0	(natural adj gas) and 428/307.5 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:25
S26	4	(natural adj gas) and 428/73 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:25
S27	0	(natural adj gas) and 428/327 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:29
S28	0	(natural adj gas) and 428/913 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:29

S29	0	(natural adj gas) and 428/188 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:30
S30	5	(natural adj gas) and 428/119 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:30
S31	7	(natural adj gas) and 428/118 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:32
S32	3	(natural adj gas) and 428/117 and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:41



S33	203	(steam) and (428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/120 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:45
S34	744	(silicon adj carbide) and alumina and ceria and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:38
S35	0	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:38

S36	513	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:39
S37	12	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen and extrude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:39
S38	232	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen and steam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:39
S39	197	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen and steam and porous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:40

S40	174	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen and steam and porous and (firing or fired or sinter or sintered or calcine or calcinated or heat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:41
S41	174	(silicon adj carbide) and alumina and ceria and honeycomb and catalyst and oxygen and steam and porous and (firing or fired or sinter or sintered or calcine or calcinated or heat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 12:41
S42	303	(silicon adj carbide) and (alumina or (aluminum adj oxide)) and (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide)) and honeycomb and catalyst and (oxygen or oxidative) and (silica or (silicon adj oxide)) and porous and (firing or fired or sinter or sintered or calcine or calcinated or heat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 13:22

S43	853	(silicon adj carbide) and (kiln or oven or (natural adj gas)) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:32
S45	320	S43 and steam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:32
S46	255	S45 and (silica or (silicon adj oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:33
S47	149	S46 and (alumina or (aluminum adj oxide)) and (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:34

S48	614	(silicon adj carbide) and (kiln or oven) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:36
S49	156	S48 and steam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:37
S50	141	S49 and (silica or (silicon adj oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:37
S51	76	S50 and (alumina or (aluminum adj oxide)) and (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 16:37

S52	2145	(hydrocarbon or methane) and oxygen and steam and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 17:55
S53	438	S52 and (silicon adj carbide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 17:56
S54	99	S53 and (heat adj treatment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 17:57
S55	853	(silicon adj carbide) and (kiln or oven or (natural adj gas)) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:01

S56	320	S55 and steam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:01
S57	283	S56 and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:02
S58	1	"7,452,606"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 10:37
S59	17	("20020136835"   "2609318"   "3394028"   "3811928"   "4140645"   "4499147"   "4567103"   "4613522"   "4664946"   "4839316"   "4990469"   "6143239"   "6331362"   "6347446"   "6759117"). PN. OR ("7452606"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 10:38

S61	4443	428/116 or 156/197 or 156/182	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:44
S62	348	D6/575	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:45
S63	4783	S61 or S62	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:45
S65	1622	S61 and (cellular or honeycomb or (honey adj comb)) and (column or row or cell) and (material or surface) and (width or length or long)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 16:47
S66	21	("3885977"   "3979329"   "4127691"   "4482641"   "4758272"   "4992233"   "5037791"   "5427601"   "5451444"   "5488023"   "5820967").PN. OR ("5998328").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 17:00
S67	14	S66 and (alumina or ceria or "Al.sub2" "O.sub3" or "CeO.sub2")	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:15
S68	327097	((silicon adj carbide) or SiC) SAME (oxide or oxidation or oxidize or oxygen)) or ((silica or oxide) NEAR3 (layer or phase or coating))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:32



S69	11763	S68 and ((alumina and ceria) or ("Al.sub2" "O.sub3") and ("CeO.sub2"))))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:33
S70	2810	S69 and ((water NEAR2 vapor) or (water NEAR2 vapour) or steam)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:35
S72	29121	428/116 or 428/117 or 428/118 or 428/188 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:39
S73	153607	"264".CLAS.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:41
S74	180041	S72 or S73	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:41
S75	92	S74 and S70	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 17:41

S76	31	("20030124037"   "3904551"   "4134860"   "4189404"   "4329162"   "4340403"   "4364760"   "4403008"   "4510265"   "4519820"   "4559193"   "4563414"   "4624940"   "4708946"   "4714694"   "4727052"   "4902487"   "4927799"   "5053378"   "5057483"   "5089237"   "5100632"   "5157007"   "5330945"   "5491120"   "5597771"   "5627124"   "5753580"   "5898014"   "6051040").PN. OR ("7078004").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 13:18
S77	2	"20030108465"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:23
S78	211	(alumina or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst SAME (silica or (silicon adj oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 11:01

S79	14	S78 and 428/116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 11:02
S80	152	(alumina or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst SAME (silica or (silicon adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 11:02
S81	575	(alumina or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 11:49
S82	651	(alumina or "Al.sub.2" "O. sub.3" or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or "CeO.sub.2" or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 11:50

S83	651	(alumina or "Al.sub.2" "O.sub.3" or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or "CeO.sub.2" or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:10
S84	247	S83 and (oxide NEAR3 (coating or coat or film or layer))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:11
S85	40	S83 and (oxide NEAR3 (coating or coat or film or layer)) and ((silicon adj carbide) or SiC)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:11
S86	479	(alumina or "Al.sub.2" "O.sub.3" or (aluminum adj oxide)) SAME (ceria or (cerium adj oxide) or "CeO.sub.2" or (cerium adj dioxide) or (ceric adj oxide)) SAME honeycomb SAME catalyst SAME (Pt or platinum or Pd or paladium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:52

S87	383	S86 and (ceria or (cerium adj oxide) or "CeO.sub.2" or (cerium adj dioxide) or (ceric adj oxide)) NEAR10 (Pt or platinum or Pd or paladium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:53
S88	26931	S87 and 428/116 or 428/118 or 428/117 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:55
S89	25	S87 and (428/116 or 428/118 or 428/117 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 13:56

S90	1742901	furnaces SAME ceramic manufacturing SAME natural gas	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:38
S91	1	furnaces SAME (ceramic NEAR3 manufacturing) SAME ((natural adj gas) or methane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:39
S92	2	(furnace or oven or kiln) SAME (ceramic NEAR3 manufacturing) SAME ((natural adj gas) or methane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:39
S93	115	(furnace or oven or kiln) and (ceramic NEAR3 manufacturing) and ((natural adj gas) or methane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:40
S94	14	(furnace or oven or kiln) and (ceramic NEAR3 manufacturing) and ((natural adj gas) or methane) and honeycomb	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:40
S95	60	(furnace or oven or kiln) and (ceramic NEAR3 manufacturing) and ((natural adj gas) or methane) and apparatus	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 17:44

S96	28	("2741822"   "3255027"   "3296002"   "3298842"   "3419404"   "3421863"   "3437468"   "3473938"   "3473987"   "3789096"   "3864154"   "3973977"). PN. OR ("4957779"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 18:07
S97	4	S96 and ((natural adj gas) or methane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:11
S98	638	(natural adj gas) and (ceramic NEAR10 manufactur\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:13
S99	369	S98 and (kiln or oven or furnace)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:14
S100	167	S99 and (oxide NEAR2 (coating or coat or layer or film))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:14
S101	18	S100 and ((kiln or oven or furnace) SAME (natural adj gas))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:16
S102	98	S99 and ((kiln or oven or furnace) SAME (natural adj gas))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:19
S103	10	("1048812"   "3324654"   "3773680"   "3812048"). PN. OR ("3856928"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 18:24

S104	60	S99 and ((kiln or oven or furnace) SAME (natural adj gas)) and (oxygen or oxidative or oxidize)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 18:28
S105	12	("3338300"   "3695250"   "3823766"   "4754806"   "4836183"   "4909190"). PN. OR ("5005556"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 18:33
S106	21	("3338300"   "3695250"   "3823766"   "3869529"   "4081024"   "4090370"   "4099338"   "4478206"   "4754806"   "4836183"   "4909190"   "4967726"   "5005556").PN. OR ("5184600").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 19:25
S107	12	("3338300"   "3695250"   "3823766"   "4754806"   "4836183"   "4909190"). PN. OR ("5005556"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/14 19:29
S108	77	S99 and ("1"\$3C)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 19:33
S109	18	S99 and ("10"\$3C)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/14 19:38

**4/ 15/ 2009 3:05:36 PM**

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